PATENT

Attorney Docket No.: SAM-0466

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	IN THE CHILED STATES TATE IN THE HOLD ENAMED COLLEGE								
	cant(s): Jae-hyung Lee, et al. Herewith SEMICONDUCTOR MEMORY DEVICE HAVING PARTIALLY CONTROLLED DELAY LOCKED LOOP								
CERTIFICATE OF MAILING UNDER 37 C.F.R.§ 1.10 "Express Mail" Mailing Label Number EV322656295US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Service "Express Mail" Mailing Label Number EV322656295US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.									
Mail Stop Patent Application									
Commissioner for Patents									
P.O. E	Box 1450								
Alexa	ndria, VA 22313-1450								
INFORMATION DISCLOSURE STATEMENT									
Sir:									
•	This Information Disclosure Statement is submitted:								
	under 37 C.F.R. 1.129(a), or (First/Second submission after Final Rejection)								
[X]	under 37 C.F.R. 1.97(b), or (Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)								
[]	under 37 C.F.R. 1.97(c) together with either:								
	[] a Statement under 37 C.F.R. 1.97(e), as checked below, or								
	[] the \$180.00 fee under 37 C.F.R. 1.17(p), or (After the 37 C.F.R. 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)								
[]	under 37 C.F.R. 1.97(d) together with:								

[] the \$180.00 petition fee set forth in 37 C.F.R. 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

a Statement under 37 C.F.R. 1.97(e), as checked below, and

[]

Statement Under 37 C.F.R. 1.97(e)

	[]	Statement was cited in a communication from a foreign patent office In a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.							
	[]	No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.							
Enclos	sed herewith is	form PTO-1449:							
[X]	Copies of cited references are enclosed.								
[]	Copies of cited references are enclosed except those entered in prior application, U.S. Serial No, and references that are not required to be submitted under 37 C.F.R. 1.98.								
[]	The listed references were cited in a counterpart foreign application.								
Conci	se Explanation	Requirement (non-English references):							
[] satisfic		explanation" requirement under 36 C.F.R. 1.98(a)(3)(i) for reference is							
	[] the ex	planation provided on the attached sheet.							
	[] the ex	planation provided in the Specification.							
	[] abstrac	et.							
	the information disclosed herein be made of record in this application.								

Applicant(s): Jae-hyung Lee, et al.

Method of payment:

[] Enclosed is a check in the amount of ______.

[] Please charge Deposit Account of 50-1798 in the amount of ______.

[] Two duplicate copies of this Statement are enclosed.

[X] Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Date: Ungust 21, 2023
Mills & Onello, LLP

Eleven Beacon Street, Suite 605 Boston, Massachusetts 02108

Telephone: (617) 994-4900 Facsimile: (617) 742-7774

J:\SAM\0466\IDSform.wpd

Respectfully submitted,

Steven M. Mills

Registration Number 36,610 Attorney for Applicants

Subst. Form PTO-1449					Docket Number (Optional)		Application Number				
INFORMATION DISCLOSURE CITATION					SAM-0466 Not yet assigned Applicant						
IN AN APPLICATION					Jae-Hyung Lee, et al.						
(Use several sheets if necessary)					Filing Date Herewith		Group Art Unit Not yet assigned				
U. S. Patent Documents											
EXAMINER INITIAL		DOCUMENT NUMBER	_ DATE	N/	AME	CLASS		FILING DATE IF APPROPRIATE			
	AA	6,337,589	01/08/02		oishi	327	156	08/07/98			
	AB					 					
	AC										
	AD										
	AE	1									
	AF	,									
	AG										
	AH										
	AI										
	AJ										
,	AK								-		
			FOREIG	N PATENT I	DOCUMENT	S					
		DOCUMENT NUMBER	DATE	cou	NTRY	CLASS	SUBCLASS	Tran YES	slation NO		
	AT										
	AL										
	AM					ļ					
	AN			 _							
	AO										
	AP										
	AQ						<u></u> _				
	0	THER DO	CUMENT	S (Including	Author, Title,	Date, P	ertinent	Pages	Etc.)		
	AR										
	AS							<u> </u>			
	AT	<u> </u>									
EXAMINER					DATE CONSIDERED						
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.											